

What is claimed is:

1. A 3D graphics system, comprising:  
a server to receive a 3D file, the 3D file conforming to one or more formats;  
and  
5 a handheld device adapted to communicate with the server the 3D file, the  
handheld device capable of visualizing the 3D file.
2. The system of claim 1, wherein the server performs file conversion and file  
compression.
- 10 3. The system of claim 1, wherein code is stored on the server and downloaded  
to the handheld device as needed.
4. The system of claim 1, wherein the 3D rendering code is embedded in the  
15 handheld device.
5. The system of claim 1, wherein the handheld device handles recording,  
playback, editing, storage, conversion, management and transmission of a 3D  
graphics file from the handheld device to the server.
- 20 6. The system of claim 1, wherein the handheld device is a cellular phone,  
personal digital assistant, smart phone, or a resource-constrained mobile  
computer.

7. The system of claim 1, wherein the server is connected to the Internet.

8. A mobile 3D visualization system, comprising:

5 a handheld device adapted to receive graphics files from a plurality of sources  
conforming to a plurality of file formats; and  
a server coupled to the handheld device, the server distributing the 3D  
graphics file to the device.

10 9. The system of claim 8, wherein the server performs 3D file conversion and file  
compression.

10. The system of claim 8, wherein the server contains code for the handheld device  
to convert, decompress, view, interact with, control and render 3D files.

15 11. The system of claim 10, wherein the code is downloaded to the handheld device  
as needed.

20 12. The system of claim 8, wherein the handheld device further comprises embedded  
code to perform conversion, decompression, viewing, interacting, controlling, and  
rendering of graphics files.

